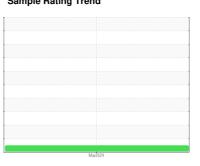


## **OIL ANALYSIS REPORT**

Sample Rating Trend



NORMAL



Machine Id FLA-CVT PD-032824-1

Component Unknown Component

TES SYN 295 (--- GAL)

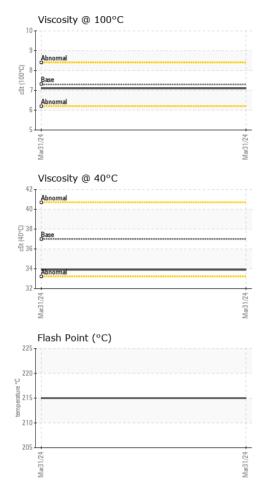
## Recommendation

This is a baseline read-out on the submitted sample.

Sample Number   Client Info   PP	SAMPLE INFORM	MATION	method	limit/base	ourront.	history1	history2
Sample Date		IATION		IIIIIIVDase	current	HISTORY	HISTOLYZ
Machine Age         hrs         Client Info         0             Oil Changed         Client Info         0             Sample Status         Client Info         N/A            CONTAMINATION         method         Imitibase         current         history1         history2           Water         WC Method         NEG             WEAR METALS         method         limit/base         current         history1         history2           Iron         ppm         ASTM D5185(m)         0             Nickel         ppm         ASTM D5185(m)         0             Nickel         ppm         ASTM D5185(m)         0             Aluminum         ppm         ASTM D5185(m)         0             Lead         ppm         ASTM D5185(m)         0             Copper         ppm         ASTM D5185(m)         0             Antimory         ppm         ASTM D5185(m)         0	·						
Oil Changed         hrs         Client Info         N/A	•						
Oil Changed Sample Status         Client Info         N/A             CONTAMINATION         method         limit/base         current         history1         history2           Water         WC Method         NEG             WEAR METALS         method         limit/base         current         history1         history2           Iron         ppm         ASTM D5185(m)         <1							
Sample Status	-	hrs					
CONTAMINATION         method         limit/base         current         history1         history2           Water         WC Method         NEG             WEAR METALS         method         limit/base         current         history1         history2           Iron         ppm         ASTM D5185(m)         <1	_		Client Info				
Water	Sample Status				NORMAL		
WEAR METALS         method         limi/base         current         history1         history2           Iron         ppm         ASTM D5185(m)         <1             Chromium         ppm         ASTM D5185(m)         0             Nickel         ppm         ASTM D5185(m)         0             Silver         ppm         ASTM D5185(m)         0             Aluminum         ppm         ASTM D5185(m)         0             Lead         ppm         ASTM D5185(m)         0             Copper         ppm         ASTM D5185(m)         0             Tin         ppm         ASTM D5185(m)         0             Antimony         ppm         ASTM D5185(m)         0             Vanadium         ppm         ASTM D5185(m)         0             Beryllium         ppm         ASTM D5185(m)         0             Cadmium         ppm         ASTM D5185(m)         0	CONTAMINATION	J	method	limit/base	current	history1	history2
Iron	Water		WC Method		NEG		
Chromium	WEAR METALS		method	limit/base	current	history1	history2
Nickel	Iron	ppm	ASTM D5185(m)		<1		
Titanium	Chromium	ppm	ASTM D5185(m)		0		
Silver	Nickel	ppm	ASTM D5185(m)		<1		
Silver         ppm         ASTM D5185(m)         0             Aluminum         ppm         ASTM D5185(m)         0             Lead         ppm         ASTM D5185(m)         0             Copper         ppm         ASTM D5185(m)         0             Tin         ppm         ASTM D5185(m)         0             Antimony         ppm         ASTM D5185(m)         0             Vanadium         ppm         ASTM D5185(m)         0             Beryllium         ppm         ASTM D5185(m)         0             Cadmium         ppm         ASTM D5185(m)         0             Cadmium         ppm         ASTM D5185(m)         0         0             Boron         ppm         ASTM D5185(m)         0         0             Barium         ppm         ASTM D5185(m)         0         0             Molybdenum         ppm         ASTM D5185(m)         0	Titanium	ppm	ASTM D5185(m)		0		
Lead	Silver		ASTM D5185(m)		0		
Copper         ppm         ASTM D5185(m)         0             Tin         ppm         ASTM D5185(m)         0             Antimony         ppm         ASTM D5185(m)         0             Vanadium         ppm         ASTM D5185(m)         0             Beryllium         ppm         ASTM D5185(m)         0             Cadmium         ppm         ASTM D5185(m)         0             Cadmium         ppm         ASTM D5185(m)         0             Boron         ppm         ASTM D5185(m)         0         0             Barium         ppm         ASTM D5185(m)         0         0             Molybdenum         ppm         ASTM D5185(m)         0         0             Magnesium         ppm         ASTM D5185(m)         0         0             Calcium         ppm         ASTM D5185(m)         100         198             Phosphorus         ppm	Aluminum	ppm	ASTM D5185(m)		0		
Tin         ppm         ASTM D5185(m)         0             Antimony         ppm         ASTM D5185(m)         0             Vanadium         ppm         ASTM D5185(m)         0             Beryllium         ppm         ASTM D5185(m)         0             Cadmium         ppm         ASTM D5185(m)         0             ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185(m)         0         0             Barium         ppm         ASTM D5185(m)         0         0             Molybdenum         ppm         ASTM D5185(m)         0         0             Magnesium         ppm         ASTM D5185(m)         0         0             Calcium         ppm         ASTM D5185(m)         100         198             Phosphorus         ppm         ASTM D5185(m)         100         453	Lead		ASTM D5185(m)		0		
Tin         ppm         ASTM D5185(m)         0             Antimony         ppm         ASTM D5185(m)         0             Vanadium         ppm         ASTM D5185(m)         0             Beryllium         ppm         ASTM D5185(m)         0             Cadmium         ppm         ASTM D5185(m)         0             ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185(m)         0         0             Barium         ppm         ASTM D5185(m)         0         0             Molybdenum         ppm         ASTM D5185(m)         0         0             Magnesium         ppm         ASTM D5185(m)         0         0             Calcium         ppm         ASTM D5185(m)         100         198             Phosphorus         ppm         ASTM D5185(m)         100         453	Copper	ppm	ASTM D5185(m)		0		
Vanadium         ppm         ASTM D5185(m)         0             Beryllium         ppm         ASTM D5185(m)         0             Cadmium         ppm         ASTM D5185(m)         0             ADDITIVES         method         limit/base         current         history1         history2           Boron         ppm         ASTM D5185(m)         0         0             Barium         ppm         ASTM D5185(m)         0         0             Molybdenum         ppm         ASTM D5185(m)         0         0             Manganese         ppm         ASTM D5185(m)         0         0             Magnesium         ppm         ASTM D5185(m)         1         <1             Calcium         ppm         ASTM D5185(m)         100         198             Phosphorus         ppm         ASTM D5185(m)         0         <1             Sulfur         ppm         ASTM D5185(m)         1500         522	Tin	ppm	ASTM D5185(m)		0		
Beryllium	Antimony	ppm	ASTM D5185(m)		0		
Cadmium	Vanadium	ppm	ASTM D5185(m)		0		
ADDITIVES	Beryllium	ppm	ASTM D5185(m)		0		
Boron	Cadmium	ppm	ASTM D5185(m)		0		
Barium	ADDITIVES		method	limit/base	current	history1	history2
Barium	Boron	ppm	ASTM D5185(m)	85	178		
Manganese         ppm         ASTM D5185(m)         0             Magnesium         ppm         ASTM D5185(m)         1         <1             Calcium         ppm         ASTM D5185(m)         100         198             Phosphorus         ppm         ASTM D5185(m)         200         453             Zinc         ppm         ASTM D5185(m)         0         <1             Sulfur         ppm         ASTM D5185(m)         1500         522             Lithium         ppm         ASTM D5185(m)         <1             CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185(m)         <1             Sodium         ppm         ASTM D5185(m)         <1             Potassium         ppm         ASTM D5185(m)         <1             VISUAL         method         limit/base         current         history1         history2 <t< th=""><th>Barium</th><th>• •</th><th>ASTM D5185(m)</th><th>0</th><th>0</th><th></th><th></th></t<>	Barium	• •	ASTM D5185(m)	0	0		
Manganese         ppm         ASTM D5185(m)         0             Magnesium         ppm         ASTM D5185(m)         1         <1             Calcium         ppm         ASTM D5185(m)         100         198             Phosphorus         ppm         ASTM D5185(m)         200         453             Zinc         ppm         ASTM D5185(m)         0         <1             Sulfur         ppm         ASTM D5185(m)         1500         522             Lithium         ppm         ASTM D5185(m)         <1             CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185(m)         <1             Sodium         ppm         ASTM D5185(m)         <1             Potassium         ppm         ASTM D5185(m)         <1             VISUAL         method         limit/base         current         history1         history2 <t< th=""><th>Molybdenum</th><th>ppm</th><th>ASTM D5185(m)</th><th>0</th><th>0</th><th></th><th></th></t<>	Molybdenum	ppm	ASTM D5185(m)	0	0		
Calcium         ppm         ASTM D5185(m)         100         198             Phosphorus         ppm         ASTM D5185(m)         200         453             Zinc         ppm         ASTM D5185(m)         0         <1			ASTM D5185(m)	0	0		
Calcium         ppm         ASTM D5185(m)         100         198             Phosphorus         ppm         ASTM D5185(m)         200         453             Zinc         ppm         ASTM D5185(m)         0         <1             Sulfur         ppm         ASTM D5185(m)         1500         522             Lithium         ppm         ASTM D5185(m)         <1             CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185(m)         <1             Sodium         ppm         ASTM D5185(m)         <2         1             Potassium         ppm         ASTM D5185(m)         >20         0             VISUAL         method         limit/base         current         history1         history2           White Metal         scalar         Visual*         NONE         NONE             Yellow Metal         scalar         Visual*         NONE	Magnesium	ppm	ASTM D5185(m)	1	<1		
Phosphorus         ppm         ASTM D5185(m)         200         453             Zinc         ppm         ASTM D5185(m)         0         <1             Sulfur         ppm         ASTM D5185(m)         1500         522             Lithium         ppm         ASTM D5185(m)         <1             CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185(m)         <1             Sodium         ppm         ASTM D5185(m)         <20         0             Potassium         ppm         ASTM D5185(m)         >20         0             VISUAL         method         limit/base         current         history1         history2           White Metal         scalar         Visual*         NONE         NONE             Yellow Metal         scalar         Visual*         NONE         NONE             Precipitate         scalar         Visual*         NONE	_		ASTM D5185(m)	100	198		
Zinc         ppm         ASTM D5185(m)         0         <1             Sulfur         ppm         ASTM D5185(m)         1500         522             Lithium         ppm         ASTM D5185(m)         <1	Phosphorus	ppm	ASTM D5185(m)	200	453		
Lithium         ppm         ASTM D5185(m)         <1		ppm	ASTM D5185(m)	0	<1		
CONTAMINANTS         method         limit/base         current         history1         history2           Silicon         ppm         ASTM D5185(m)         4             Sodium         ppm         ASTM D5185(m)         >20         0             Potassium         ppm         ASTM D5185(m)         >20         0             VISUAL         method         limit/base         current         history1         history2           White Metal         scalar         Visual*         NONE         NONE             Yellow Metal         scalar         Visual*         NONE         NONE             Precipitate         scalar         Visual*         NONE         NONE             Silt         scalar         Visual*         NONE         NONE             Debris         scalar         Visual*         NONE         NONE             Sand/Dirt         scalar         Visual*         NONE         NONE             Appearance         scalar         Visual*         <	Sulfur	ppm	ASTM D5185(m)	1500	522		
Silicon         ppm         ASTM D5185(m)         4             Sodium         ppm         ASTM D5185(m)         <1	Lithium	ppm	ASTM D5185(m)		<1		
Sodium         ppm         ASTM D5185(m)         <1	CONTAMINANTS		method	limit/base	current	history1	history2
Sodium         ppm         ASTM D5185(m)         <1             Potassium         ppm         ASTM D5185(m)         >20         0             VISUAL         method         limit/base         current         history1         history2           White Metal         scalar         Visual*         NONE         NONE             Yellow Metal         scalar         Visual*         NONE         NONE             Precipitate         scalar         Visual*         NONE         NONE             Silt         scalar         Visual*         NONE         NONE             Debris         scalar         Visual*         NONE         NONE             Sand/Dirt         scalar         Visual*         NONE         NONE             Appearance         scalar         Visual*         NORML         NORML	Silicon	ppm	ASTM D5185(m)		4		
VISUAL         method         limit/base         current         history1         history2           White Metal         scalar         Visual*         NONE         NONE             Yellow Metal         scalar         Visual*         NONE         NONE             Precipitate         scalar         Visual*         NONE         NONE             Silt         scalar         Visual*         NONE         NONE             Debris         scalar         Visual*         NONE         NONE             Sand/Dirt         scalar         Visual*         NONE         NONE             Appearance         scalar         Visual*         NORML         NORML	Sodium		ASTM D5185(m)		<1		
White Metal         scalar         Visual*         NONE         NONE             Yellow Metal         scalar         Visual*         NONE         NONE             Precipitate         scalar         Visual*         NONE         NONE             Silt         scalar         Visual*         NONE         NONE             Debris         scalar         Visual*         NONE         NONE             Sand/Dirt         scalar         Visual*         NORML         NORML             Appearance         scalar         Visual*         NORML         NORML	Potassium			>20	0		
Yellow Metal         scalar         Visual*         NONE         NONE             Precipitate         scalar         Visual*         NONE         NONE             Silt         scalar         Visual*         NONE         NONE             Debris         scalar         Visual*         NONE         NONE             Sand/Dirt         scalar         Visual*         NONE         NONE             Appearance         scalar         Visual*         NORML         NORML	VISUAL		method	limit/base	current	history1	history2
Precipitate         scalar         Visual*         NONE         NONE             Silt         scalar         Visual*         NONE         NONE             Debris         scalar         Visual*         NONE         NONE             Sand/Dirt         scalar         Visual*         NONE         NONE             Appearance         scalar         Visual*         NORML         NORML	White Metal	scalar	Visual*	NONE	NONE		
Precipitate         scalar         Visual*         NONE         NONE             Silt         scalar         Visual*         NONE         NONE             Debris         scalar         Visual*         NONE         NONE             Sand/Dirt         scalar         Visual*         NONE         NONE             Appearance         scalar         Visual*         NORML         NORML	Yellow Metal	scalar	Visual*	NONE	NONE		
Silt         scalar         Visual*         NONE         NONE             Debris         scalar         Visual*         NONE         NONE             Sand/Dirt         scalar         Visual*         NONE         NONE             Appearance         scalar         Visual*         NORML         NORML			Visual*				
DebrisscalarVisual*NONENONESand/DirtscalarVisual*NONENONEAppearancescalarVisual*NORMLNORML	·						
Sand/Dirt scalar Visual* NONE NONE Appearance scalar Visual* NORML NORML							
Appearance scalar Visual* NORML NORML							



## **OIL ANALYSIS REPORT**



FLUID PROPERT	TES	method	limit/base	current	history1	history2
Visc @ 40°C	cSt	ASTM D7279(m)	37.0	33.9		
Visc @ 100°C	cSt	ASTM D7279(m)	7.3	7.1		
Viscosity Index (VI)	Scale	ASTM D2270*	165	178		
Pour Point	°C	ASTM D97*	-60	-48		
COC Flash Point	°C	ASTM D92*	249	215		
SAMPLE IMAGES		method	limit/base	current	history1	history2
Color					no image	no image
Bottom					no image	no image
GRAPHS						



**CALA** ISO 17025:2017 Accredited Laboratory

Sample No.

Laboratory

: PP Lab Number : 02625868 Unique Number : 5759000

Received **Tested** Diagnosed

: WearCheck - C8-1175 Appleby Line, Burlington, ON L7L 5H9 : 01 Apr 2024 : 03 Apr 2024

: 03 Apr 2024 - Kevin Marson

FORSYTHE LUBRICATION 120 CHATHAM ST. HAMILTON, ON

CA L8P 2B5

Test Package : TEST ( Additional Tests: COC Flash, ICP, KV100, KV40, PourPt, VI ) Contact: HEIDI LEINGARTNER To discuss this sample report, contact Customer Service at 1-800-268-2131.

Test denoted (\*) outside scope of accreditation, (m) method modified, (e) tested at external lab. Validity of results and interpretation are based on the sample and information as supplied.

T: (905)525-7192 F: (905)525-7024